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5 the recording track/comprises a discontinuity where no data is
writable or readable.

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the spiral track or the plurality of recording tracks comprises a read only area where data is recorded beforehand, an additionally writing area where data is additionally rewritable, and a track information recording



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11. A recording medium controlling apparatus for reading recorded data from a recording section formed on a non-circular recording medium while rotating the recording medium, said apparatus comprising:

data combining means, responsive to the data reading being completed, for deleting data in the ineffective data reading area detected by said detecting means, and for combining the data recorded in the effective data recording areas.

12. A non-circular recording medium controlling apparatus for reading/writing data from/to a non-circular recording medium on which a read only area where data is recorded beforehand and an additionally writing area where data is additionally writable are provided, said apparatus comprising:

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13. The non-circular recording medium controlling apparatus according to claim 12, further comprising:

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14. A non-circular recording medium controlling apparatus for reading/writing data from/to a non-circular recording medium on which a read only area where data is recorded beforehand and an additionally

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irradiating means for irradiating with light a data recording track that involves the read only area and the additionally writing area on the non-circular recording medium being rotated;

10 track shape detecting means for detecting the shape of the data
 recording track based on a result of the sensing by said sensing means; and

15 15. The non-circular recording medium controlling apparatus
according to claim 14, wherein:

optical reading means for irradiating with light a predetermined position on the non-circular recording medium and for acquiring data from the reflection of the light from the predetermined position; and

read controlling means, responsive to said track shape detecting means detecting that the data recording track has the shape of a circle that in turn has a discontinuity, for stopping operation of said optical reading means on the discontinuity and for storing data from a portion of the data recording track involving the remainder of the circle acquired by said optical reading means.

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[illegible]